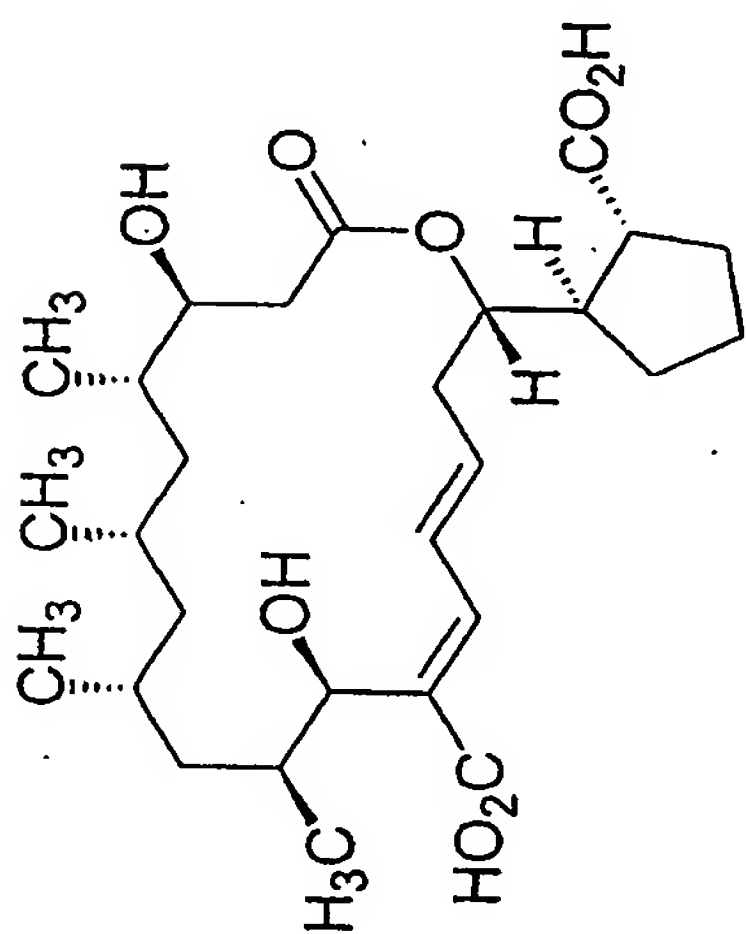
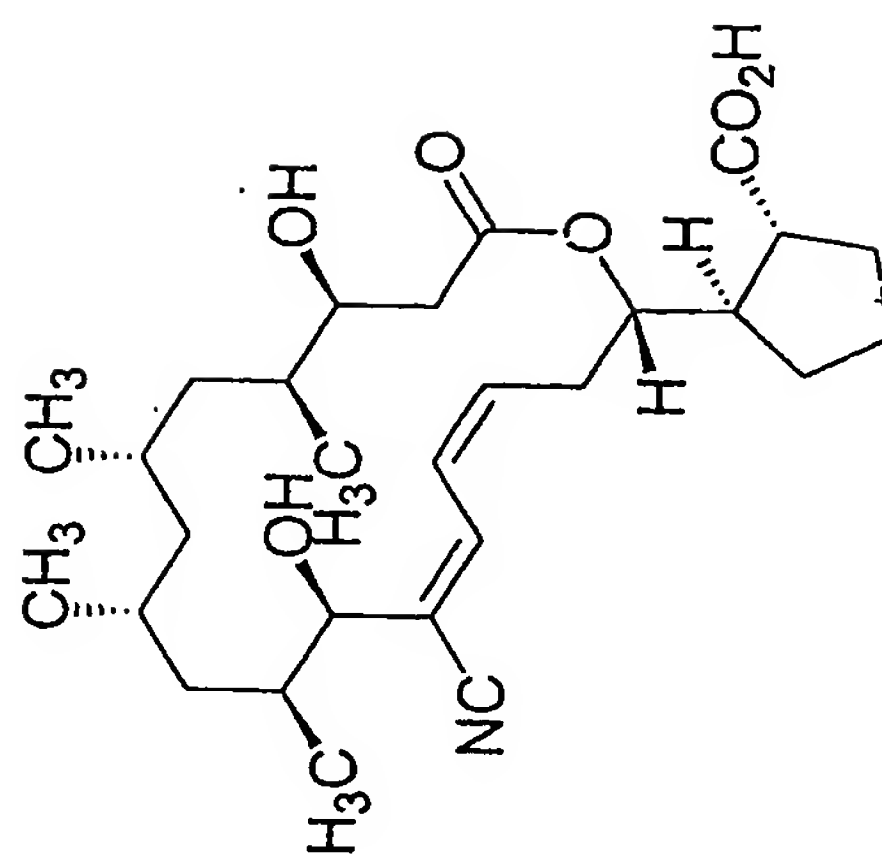


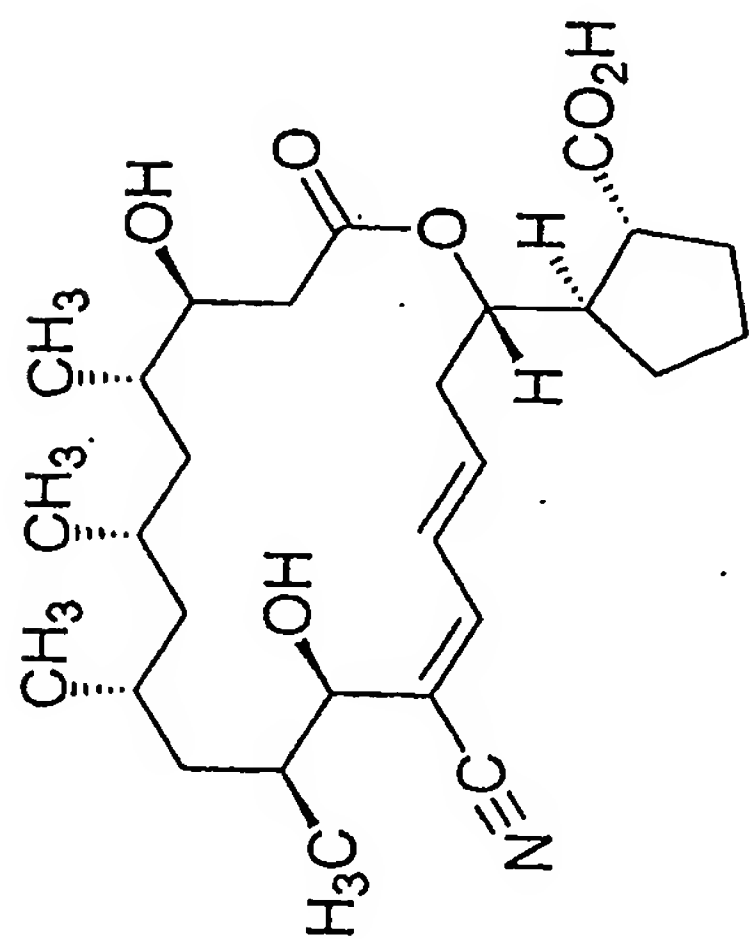
10-desmethyl borrelidin (3)



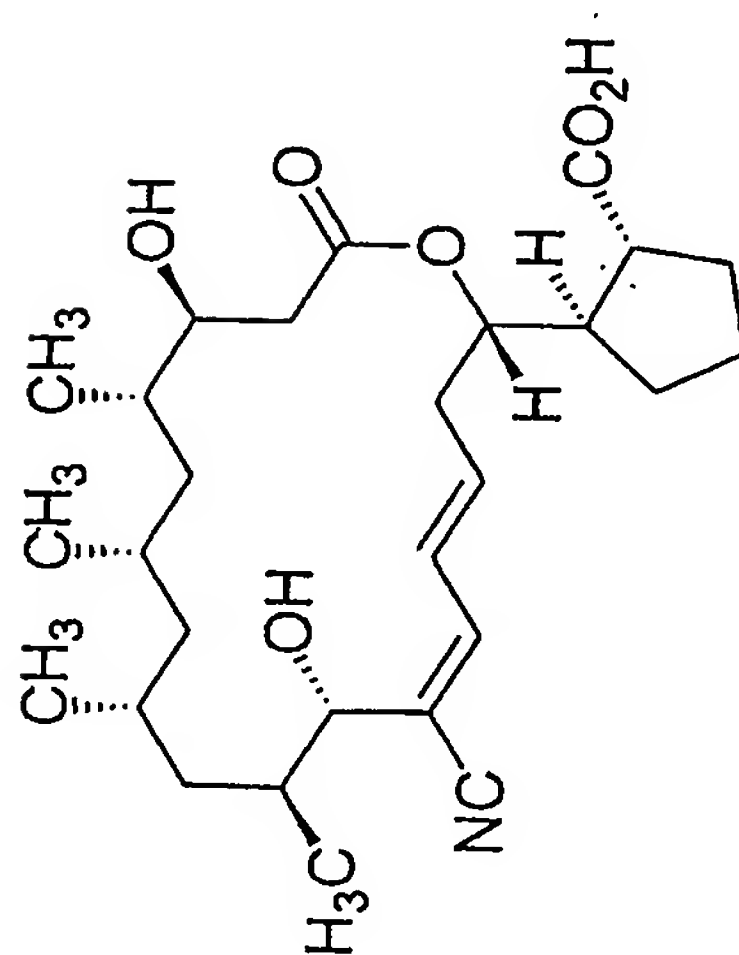
12-desnitrile-12-carboxyl borrelidin (2)



14,15-cis-borrelidin (5)



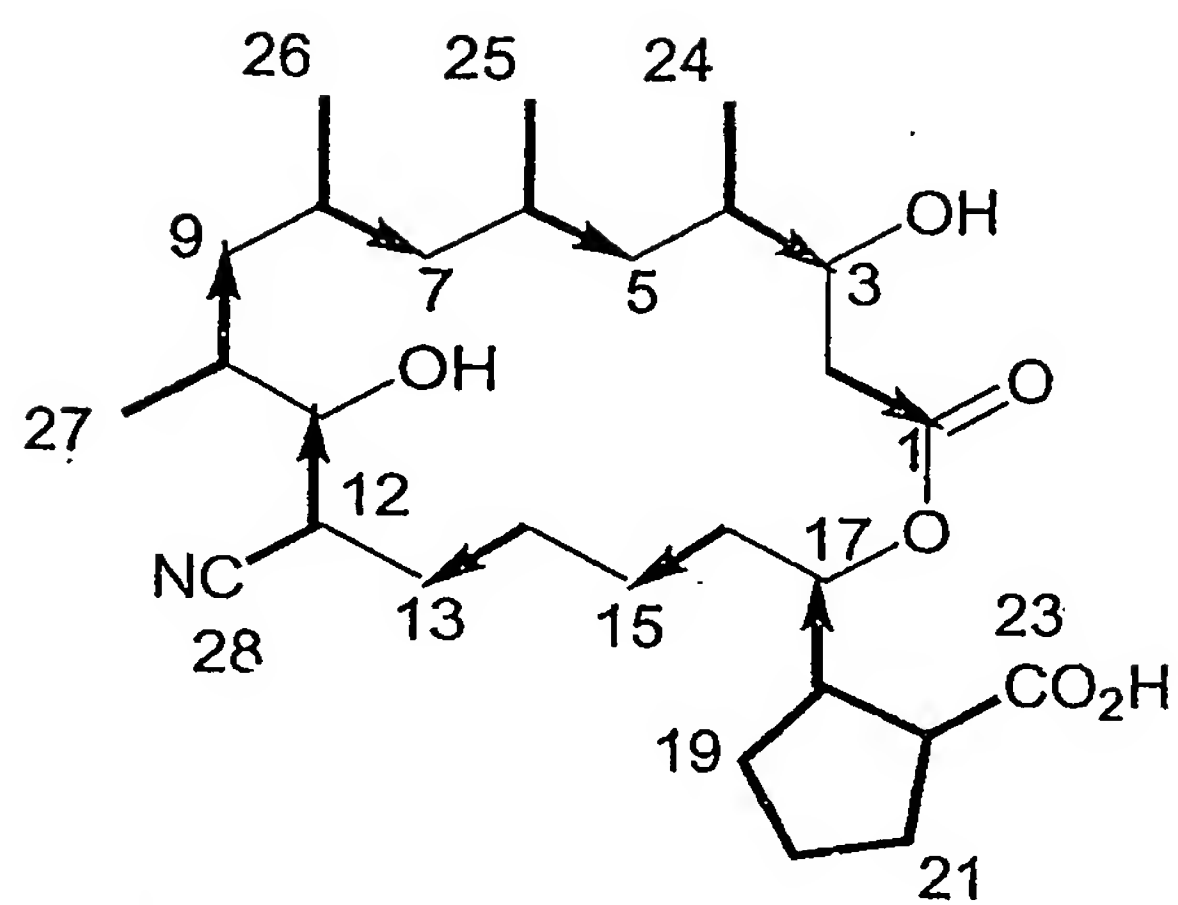
Borrelidin (1)



11-epi borrelidin (4)

Figure 1

Figure 2



[1,2-¹³C]sodium acetate

[2,3-¹³C]sodium propionate



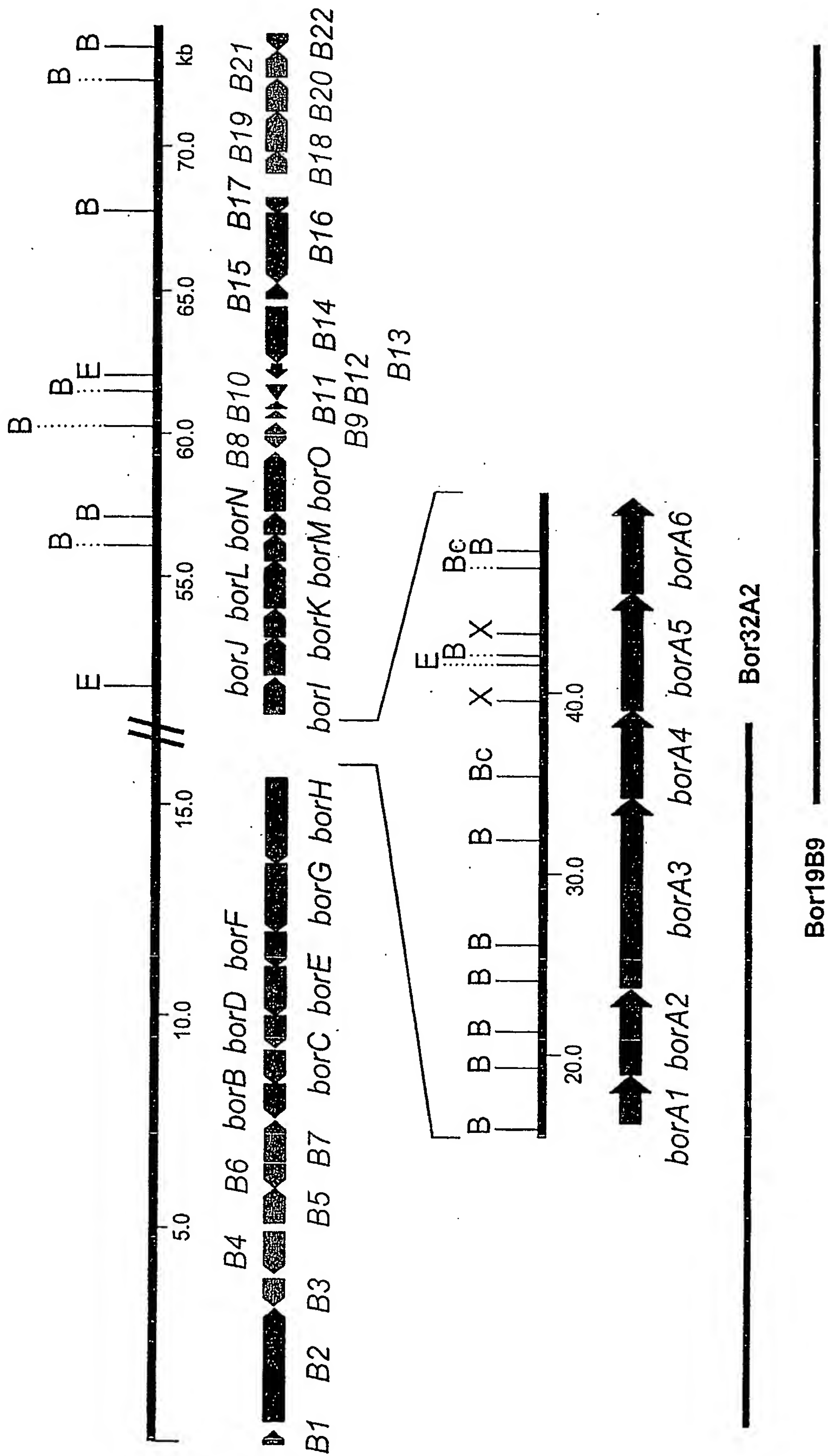


Figure 3

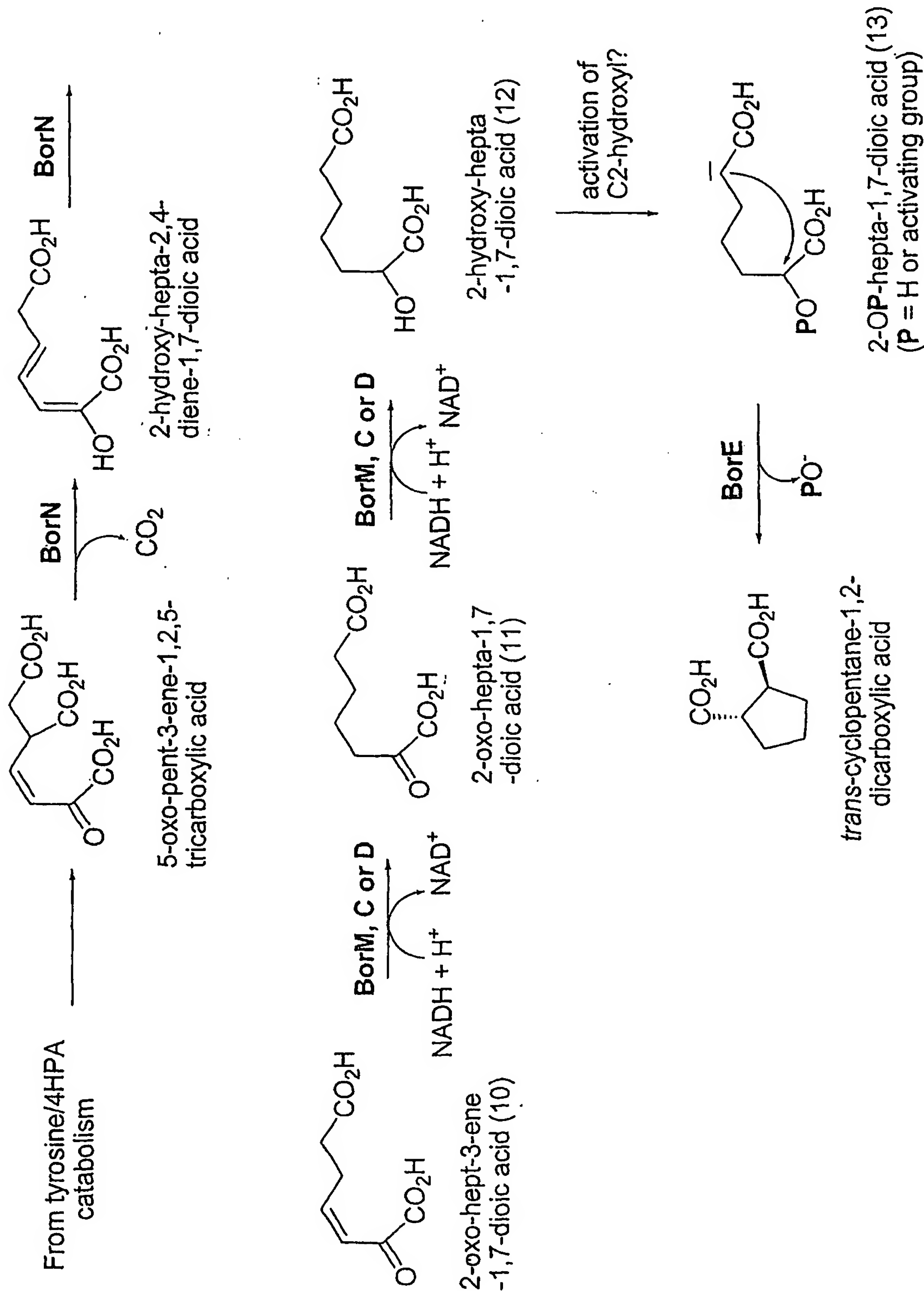


Figure 4

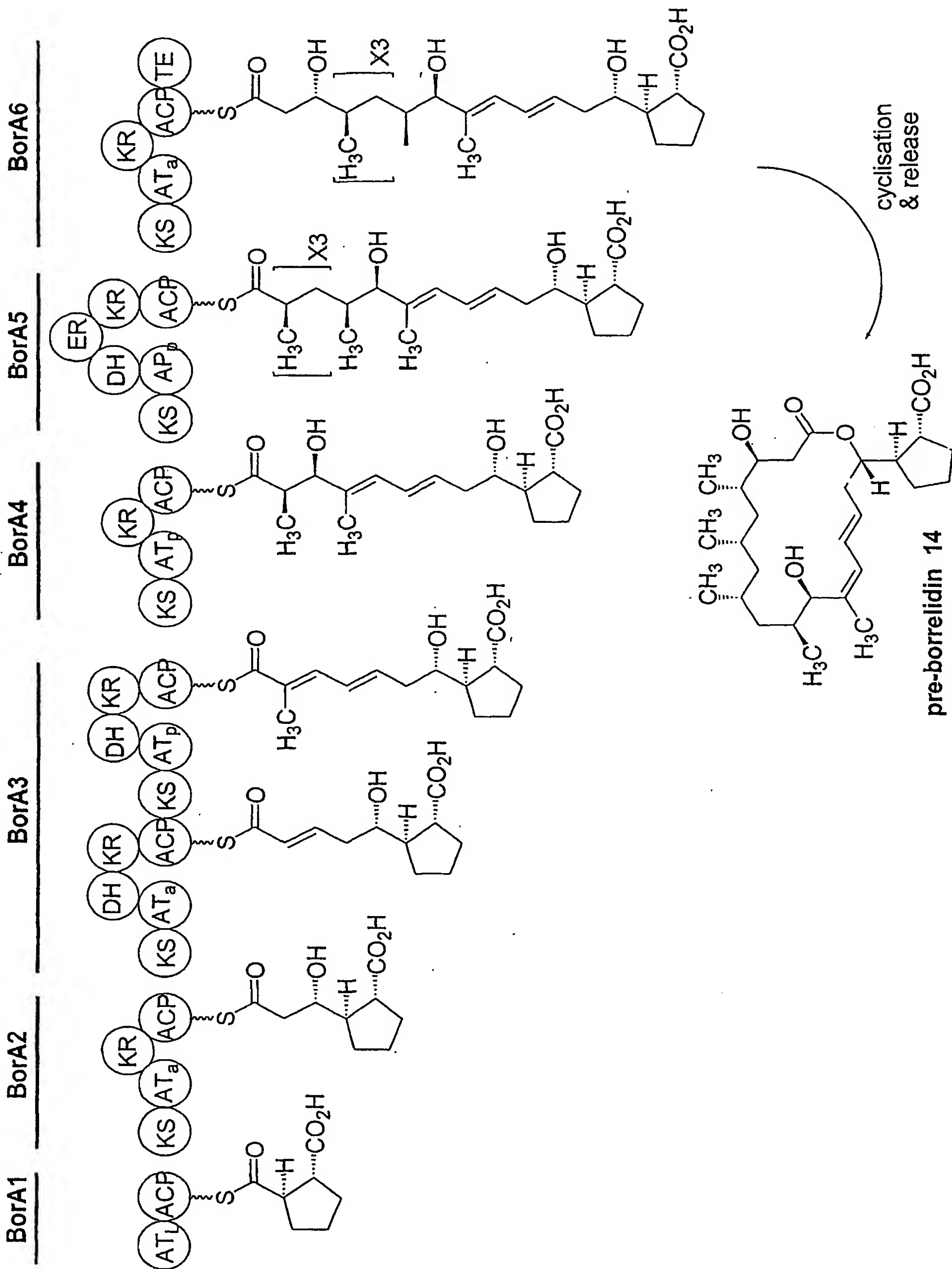


Figure 5

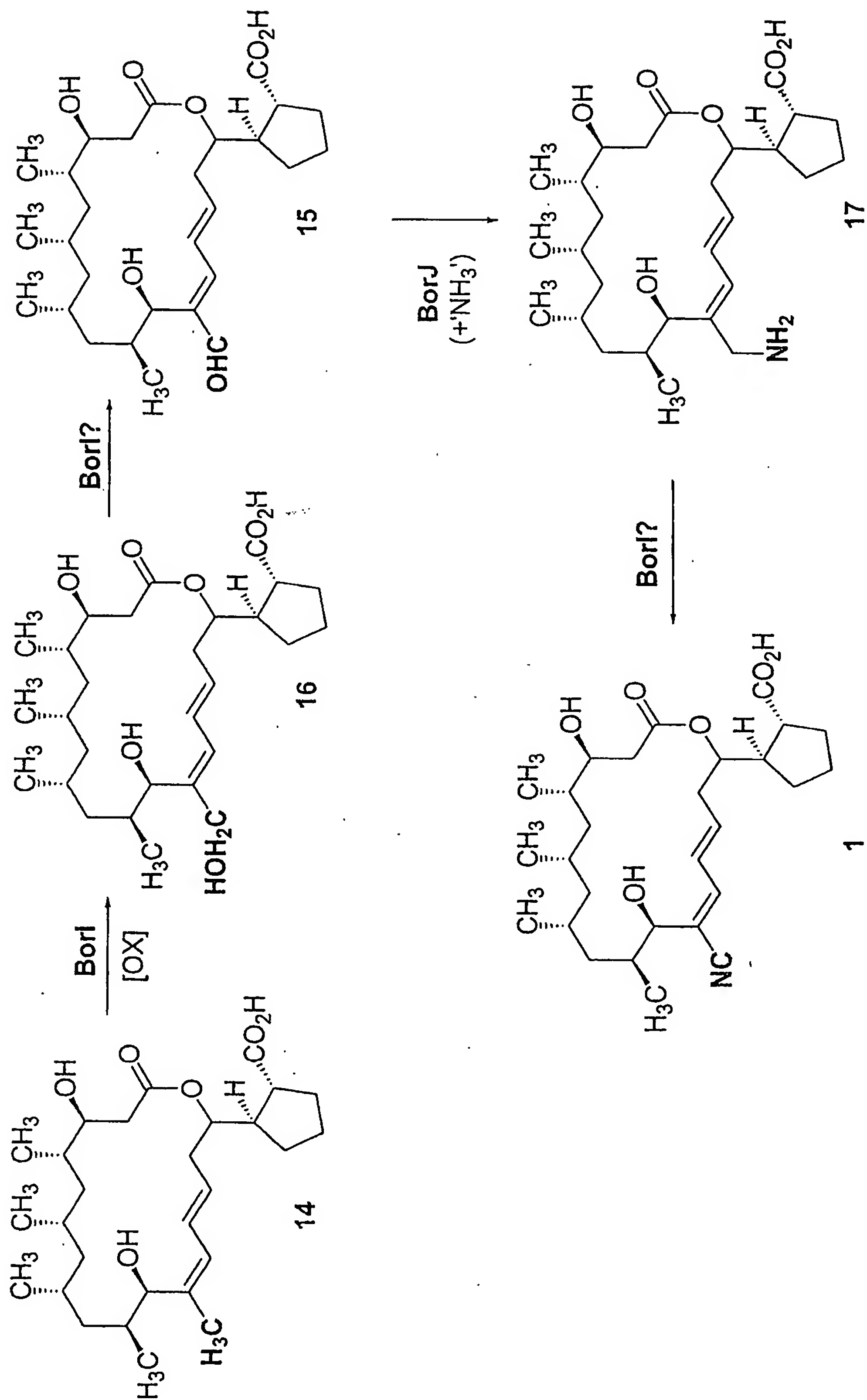
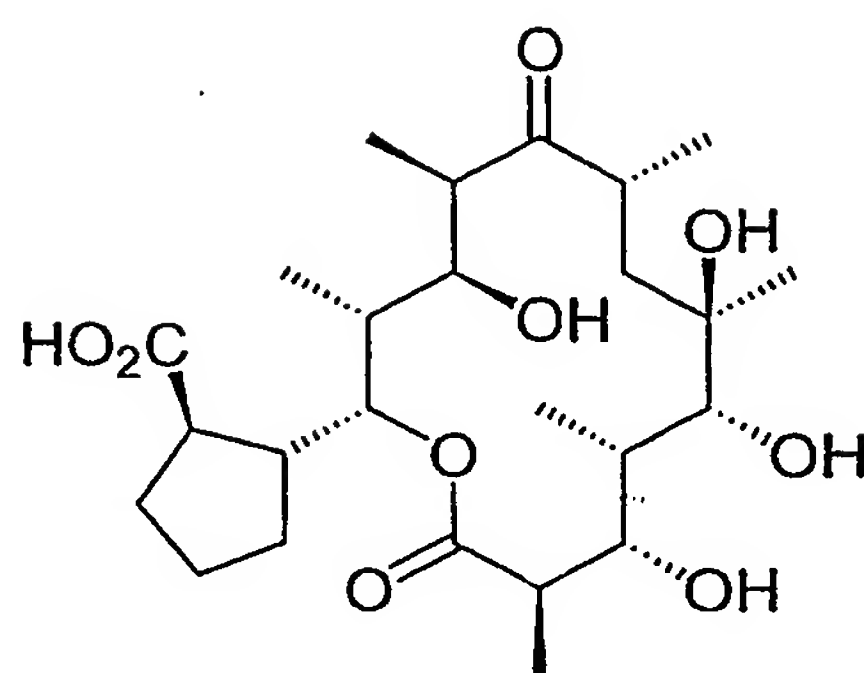


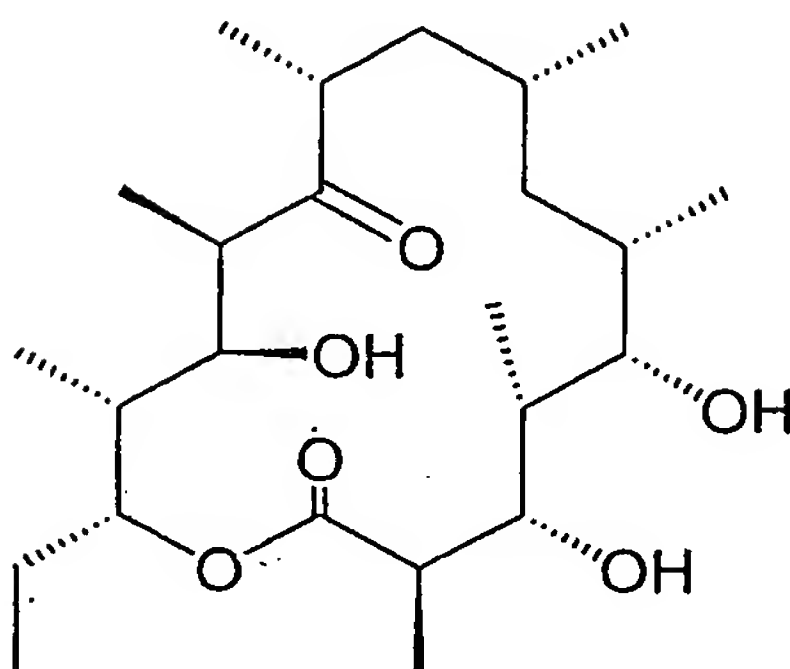
Figure 6

Figure 7

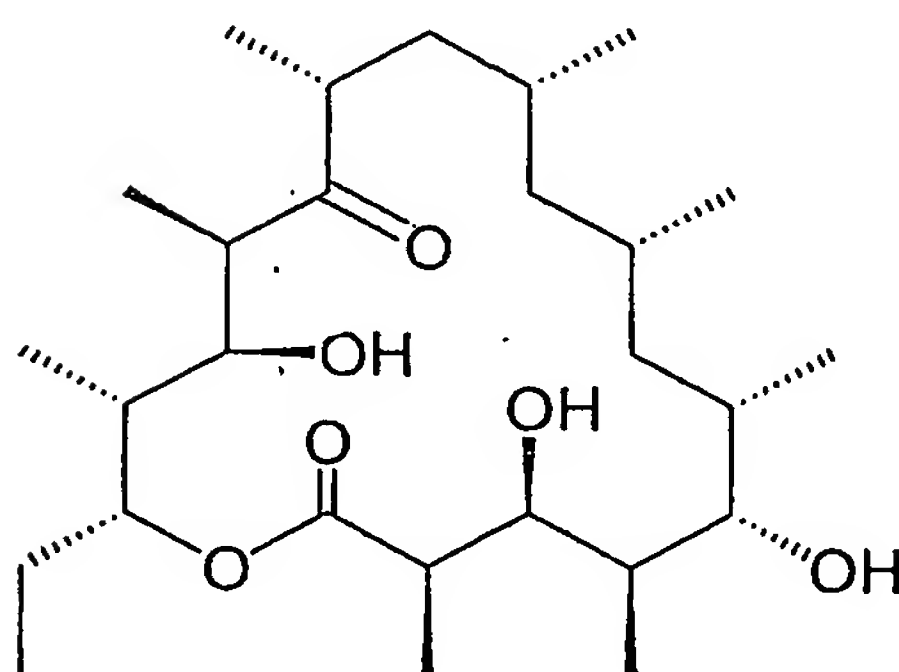


6

Figure 8



7



8

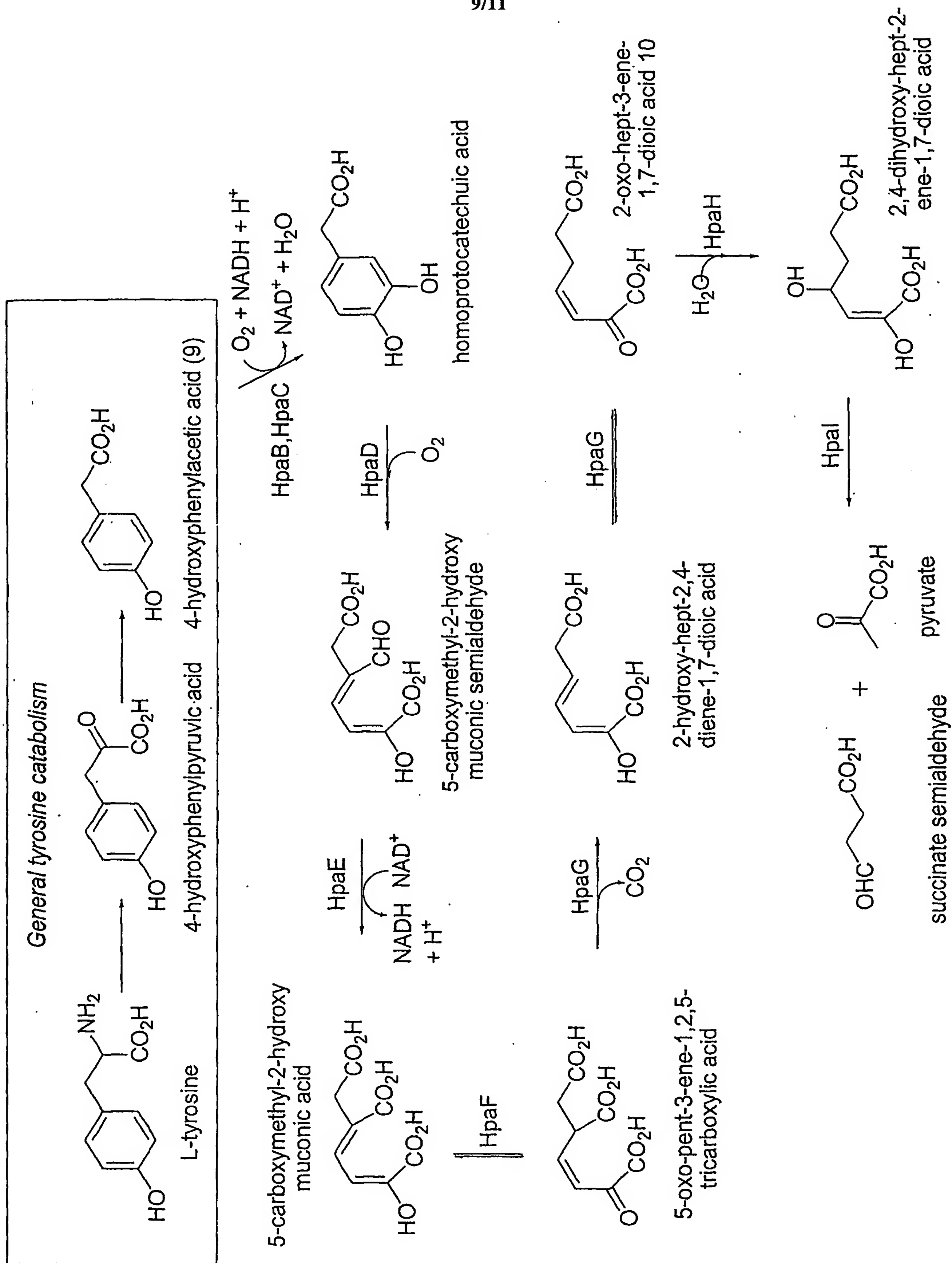
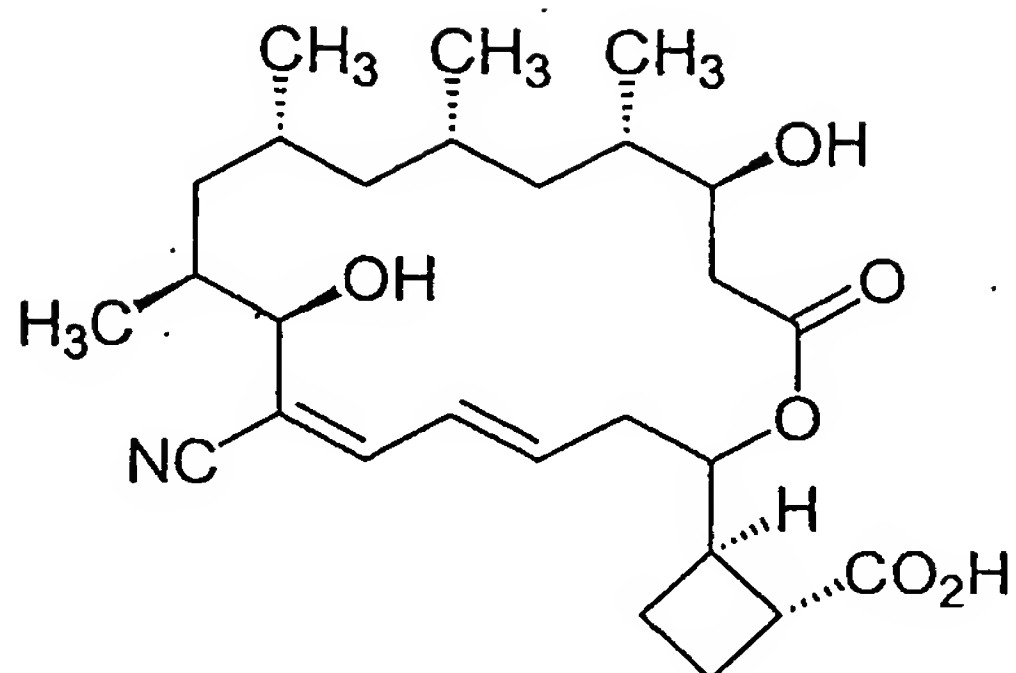
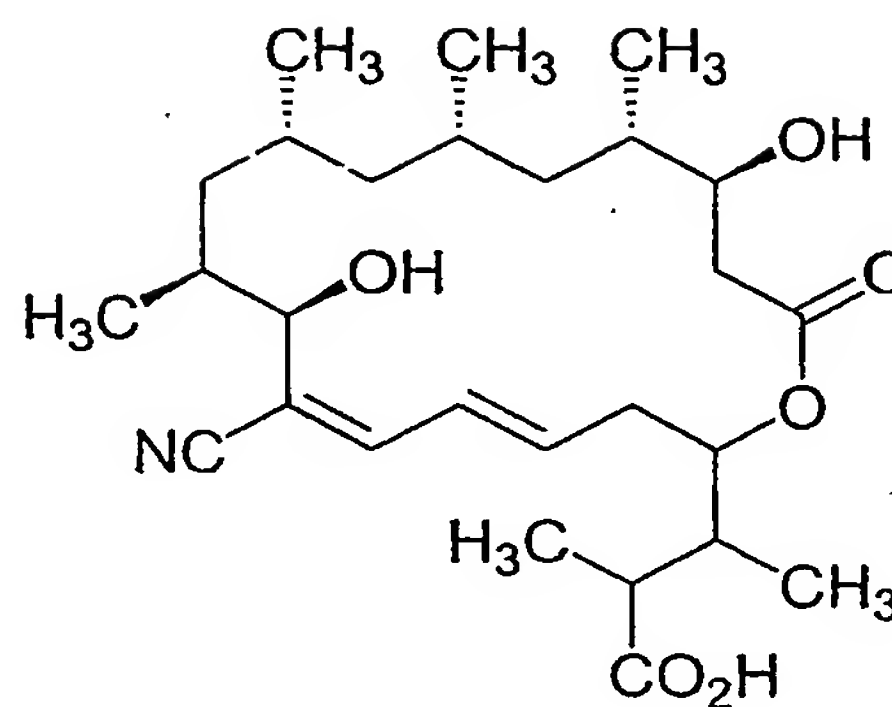


Figure 9

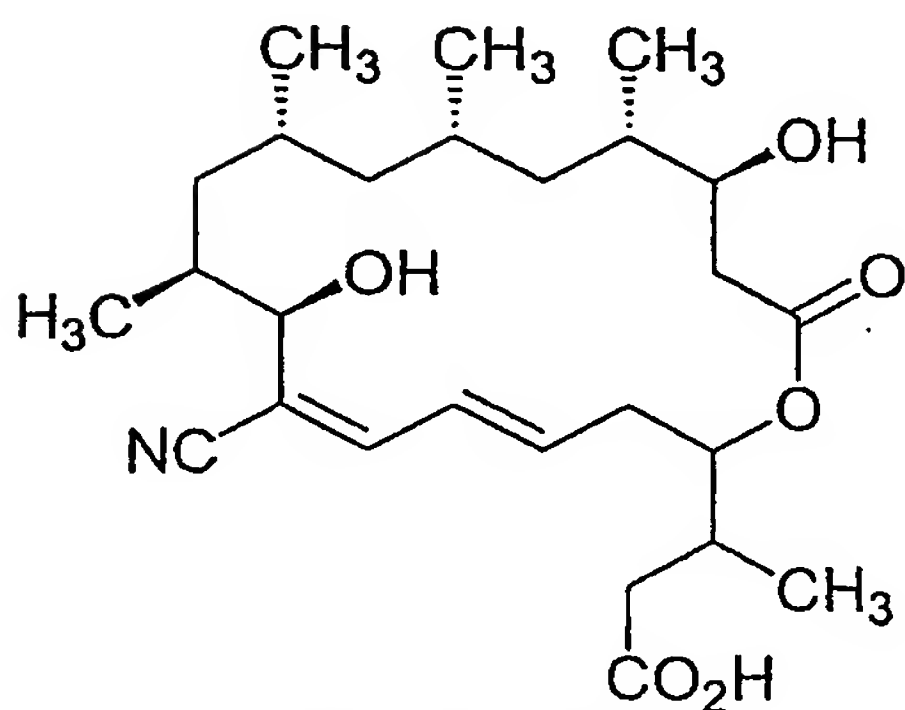
Figure 10



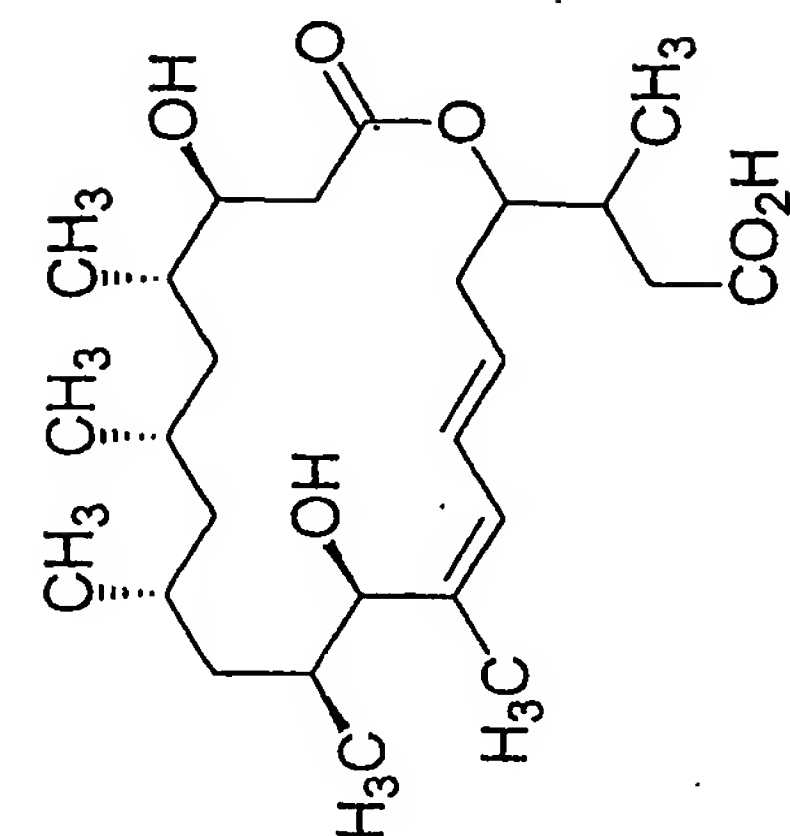
18: $m/z = 474.3$ ($[M-H]^-$)



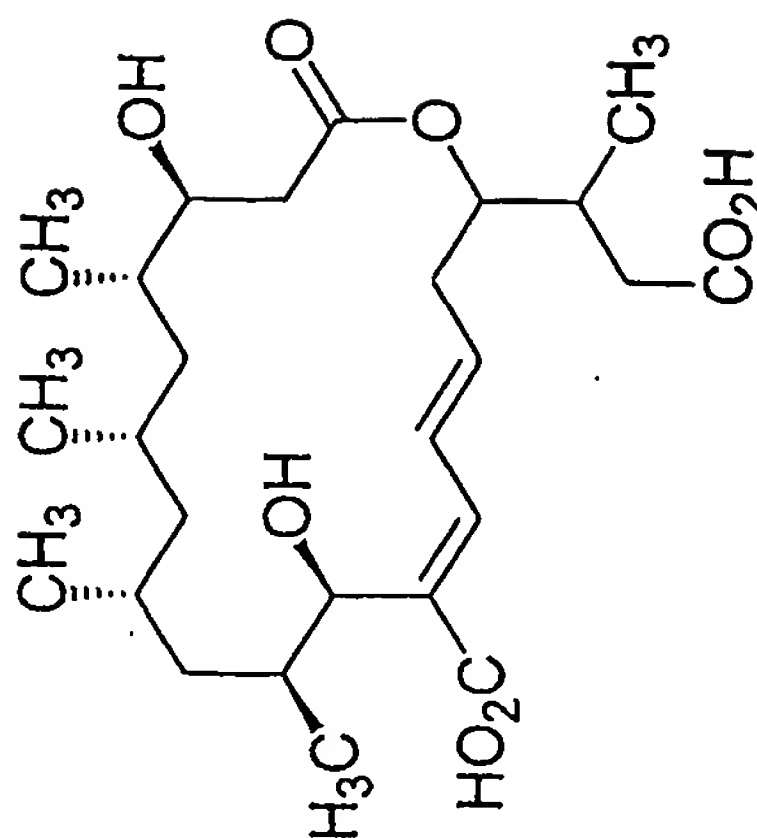
19: $m/z = 476.3$ ($[M-H]^-$)



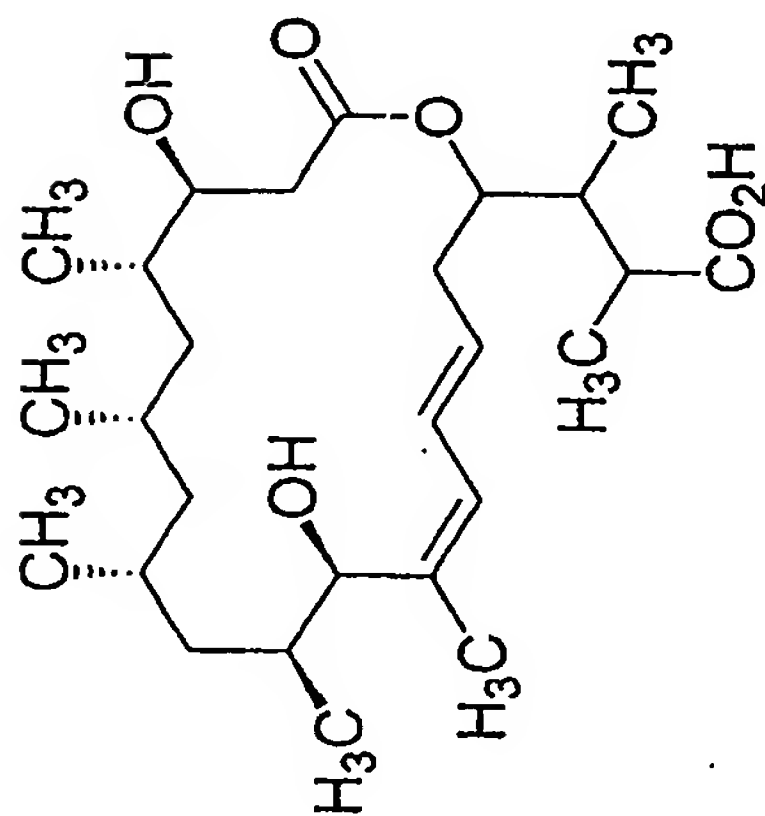
20: $m/z = 462.3$ ($[M-H]^-$)



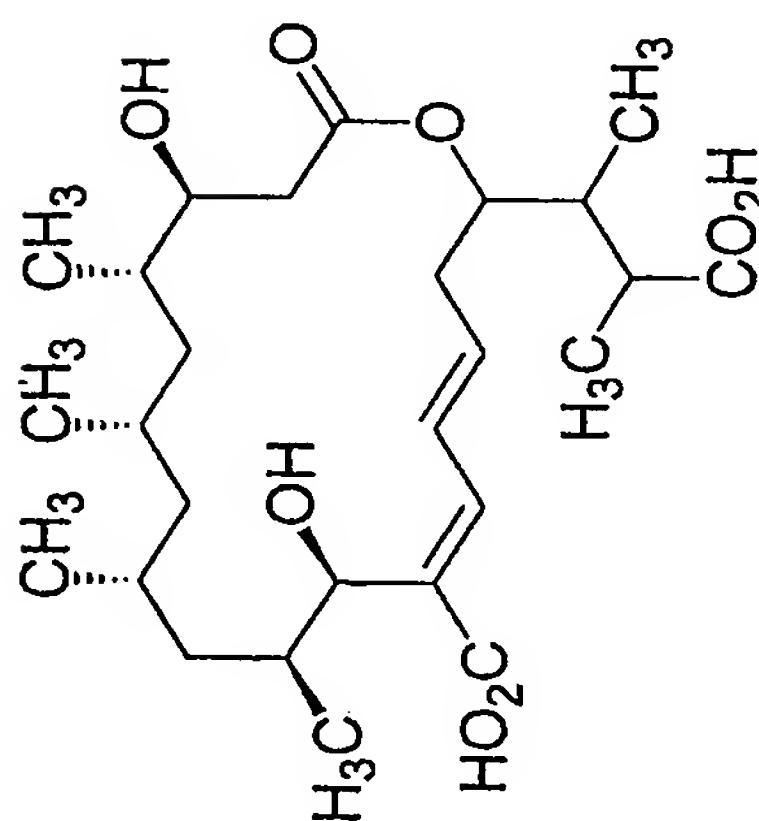
23: $m/z = 451.3$ ($[M-H]^+$)
 $\lambda_{\max} = 240$ nm



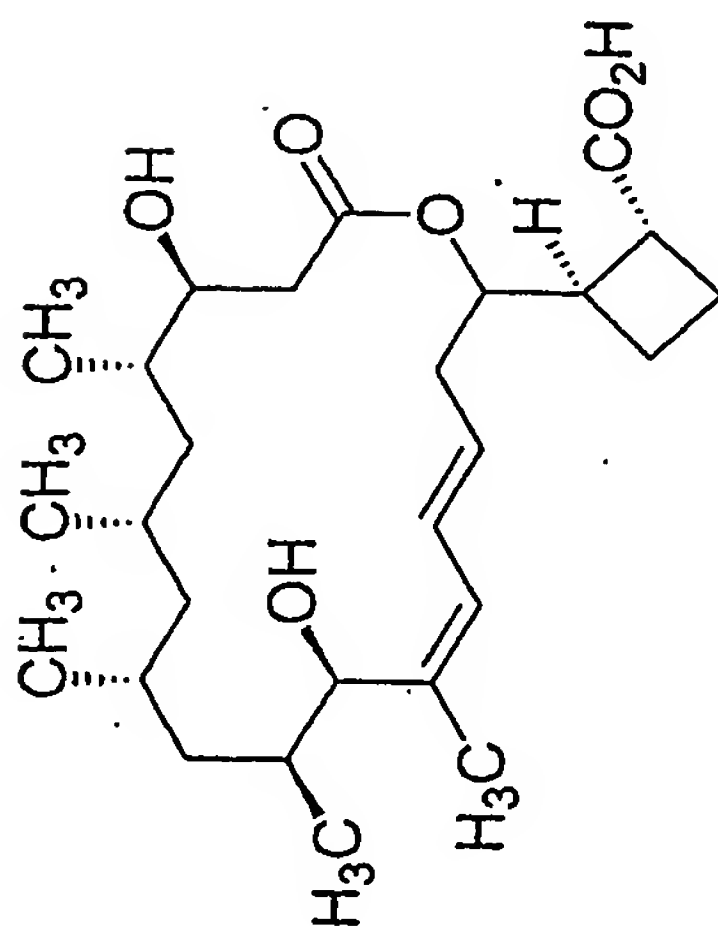
26: $m/z = 481.3$ ($[M-H]^+$)
 $\lambda_{\max} = 262$ nm



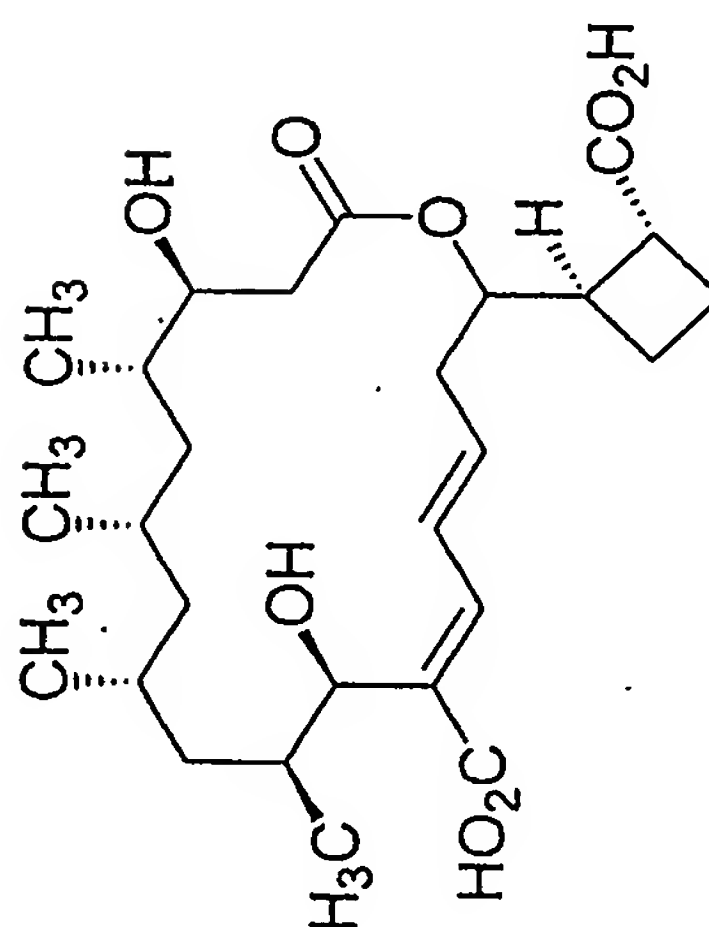
22: $m/z = 465.4$ ($[M-H]^+$)
 $\lambda_{\max} = 240$ nm



25: $m/z = 495.3$ ($[M-H]^+$)
 $\lambda_{\max} = 262$ nm



21: $m/z = 463.3$ ($[M-H]^+$)
 $\lambda_{\max} = 240$ nm



24: $m/z = 493.3$ ($[M-H]^+$)
 $\lambda_{\max} = 262$ nm

Figure 11